



CITRUS NOVEMBER FORECAST MATURITY TEST RESULTS AND FRUIT SIZE

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ALL ORANGES 168.0 MILLION BOXES

The Florida all orange forecast remains at 168.0 million boxes. No changes are made to the forecast in November. The forecast includes 81.0 million boxes of early-midseason-Navel oranges (including Temples) and 87.0 million boxes of late season Valencia oranges.

This season, 59.6 million orange trees, a decrease of 6.4 percent from last year are used to expand fruit counts and measurements. The average fruit per tree on early-midseason oranges (excluding Navels) is 52 percent higher than last season, and on Valencias is 59 percent higher. Fruit sizes are considerably smaller than last season on all orange varieties.

WEATHER AND FIELD CONDITIONS

Weather conditions were very dry going into the fall months of the season, with cumulative rainfall well below average. During October many areas showed increases in precipitation. The East Coast and the West Coast recorded the most rainfall at over six inches for the month. The Central and Southern citrus growing areas averaged between two and five inches for the month. Growers with deficit rainfall amounts are irrigating on a regular basis to maintain high surface soil moisture levels.

CITRUS PRODUCTION: OCTOBER 1, 2007
Forecasts by varieties and states, with comparisons

| Crop and State | Production | | | Forecast |
|---|----------------|----------------|----------------|----------------|
| | 2004-05 | 2005-06 | 2006-07 | 2007-08 |
| --- 1,000 boxes --- | | | | |
| EARLY, MIDSEASON, AND NAVAL ORANGES: | | | | |
| FLORIDA^{1/} | 79,100 | 75,000 | 65,600 | 81,000 |
| California | 44,000 | 47,000 | 34,000 | 43,000 |
| Texas | 1,500 | 1,400 | 1,600 | 1,450 |
| Arizona | 240 | 250 | 200 | 200 |
| Total Above Varieties | 124,840 | 123,650 | 101,400 | 125,650 |
| VALENCIAS: | | | | |
| FLORIDA | 70,700 | 72,700 | 63,400 | 87,000 |
| California | 20,500 | 14,000 | 11,000 | 15,000 |
| Texas | 270 | 200 | 380 | 350 |
| Arizona | 190 | 200 | 100 | 100 |
| Total Valencias | 91,660 | 87,100 | 74,880 | 102,450 |
| ALL ORANGES: | | | | |
| FLORIDA | 149,800 | 147,700 | 129,000 | 168,000 |
| California | 64,500 | 61,000 | 45,000 | 58,000 |
| Texas | 1,770 | 1,600 | 1,980 | 1,800 |
| Arizona | 430 | 450 | 300 | 300 |
| Total All Oranges | 216,500 | 210,750 | 176,280 | 228,100 |

^{1/} Includes Temples beginning in 2006-07. Historic Temple production listed on page 2.

FORECAST DATES — 2007-08 SEASON

| | |
|-------------------|---------------|
| December 11, 2007 | April 9, 2008 |
| January 11, 2008 | May 9, 2008 |
| February 8, 2008 | June 10, 2008 |
| March 11, 2008 | July 11, 2008 |

Most trees in well cared for groves are in good condition. Limited grove activity includes fertilizing, spraying, herbiciding, and cleaning groves in preparation for harvest. Citrus greening disease has been an issue on the forefront of the many concerns in the citrus industry. Growers, caretakers and workers are attending seminars on ways to deal with the problem. Steps are being put into place to both control the problem and eliminate future damage.

CROP PROGRESS

At the beginning of November, only two processing plants were open, primarily for eliminations. More processing plants will be opening in the next few weeks to receive field run fruit. Over half of the major packinghouses have opened and began running early variety fruit. Harvested varieties include Fallglo tangerines; early, Ambersweet, and Navel oranges; grapefruit; and tangelos.

Grapefruit harvest started off slowly due to high acids and late maturity. Packinghouse eliminations picked early in the season that were not suitable for processing were taken to cattle pastures. Increased maturity levels in October allowed for more harvesting of fresh fruit and some processed fruit. Both white and colored varieties are picked primarily for the fresh market.

FCOJ YIELD 1.60 GALLONS PER BOX

With no November forecasts or projections, the forecast for FCOJ yield remains at 1.60 gallons per box of 42° Brix concentrate. The average final yield over the last 10 seasons is 1.59 gallons per box. Last season's final yield was a record high 1.64668 gallons per box.

**FLORIDA CITRUS: Distribution of 2006-07 production and 2007-08 forecast
by marketing districts and fruit types**

| Fruit type | Indian River | | Gulf | | Florida SunRidge | | State | |
|-------------------------------------|---------------------|---------------|---------------|---------------|------------------|----------------|----------------|----------------|
| | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 |
| | --- 1,000 boxes --- | | | | | | | |
| ORANGES: | | | | | | | | |
| Early-midseason-Navel ^{1/} | 3,000 | 4,100 | 13,900 | 17,700 | 48,700 | 59,200 | 65,600 | 81,000 |
| Valencia | 4,500 | 6,300 | 20,000 | 21,900 | 38,900 | 58,800 | 63,400 | 87,000 |
| Total Oranges | 7,500 | 10,400 | 33,900 | 39,600 | 87,600 | 118,000 | 129,000 | 168,000 |
| GRAPEFRUIT: | | | | | | | | |
| White | 6,700 | 7,000 | 700 | 600 | 1,900 | 1,400 | 9,300 | 9,000 |
| Colored | 12,800 | 10,900 | 1,800 | 2,200 | 3,300 | 2,900 | 17,900 | 16,000 |
| Total Grapefruit | 19,500 | 17,900 | 2,500 | 2,800 | 5,200 | 4,300 | 27,200 | 25,000 |

^{1/} Includes Temples.

**CITRUS PRODUCTION: October 1, 2007
forecasts by varieties and states, with comparisons**

| Crop and State | Production | | | Forecast |
|----------------------------|---------------------|---------------|---------------|---------------|
| | 2004-05 | 2005-06 | 2006-07 | 2007-08 |
| | --- 1,000 boxes --- | | | |
| GRAPEFRUIT: | | | | |
| FLORIDA-All | 12,800 | 19,300 | 27,200 | 25,000 |
| White | 3,400 | 6,500 | 9,300 | 9,000 |
| Colored | 9,400 | 12,800 | 17,900 | 16,000 |
| California | 6,100 | 6,000 | 4,000 | 4,500 |
| Texas | 6,600 | 5,200 | 7,100 | 6,800 |
| Arizona | 140 | 100 | 100 | 200 |
| Total Grapefruit | 25,640 | 30,600 | 38,400 | 36,500 |
| LEMONS: | | | | |
| California | 20,500 | 22,000 | 16,000 | 16,500 |
| Arizona | 2,400 | 3,800 | 2,500 | 1,500 |
| Total Lemons | 22,900 | 25,800 | 18,500 | 18,000 |
| Temples: Florida | 650 | 700 | ^{1/} | ^{1/} |
| Tangelos: Florida | 1,550 | 1,400 | 1,250 | 1,300 |
| TANGERINES: | | | | |
| FLORIDA-All | 4,450 | 5,500 | 4,600 | 5,100 |
| Early ^{2/} | 2,450 | 2,850 | 2,400 | 2,600 |
| Honey | 2,000 | 2,650 | 2,200 | 2,500 |
| California ^{3/} | 2,900 | 3,600 | 2,900 | 4,700 |
| Arizona ^{3/} | 400 | 550 | 300 | 400 |
| Total Tangerines | 7,750 | 9,650 | 7,800 | 10,200 |

^{1/} Included in early-midseason-Navel oranges.

^{2/} Fallglo and Sunburst varieties.

^{3/} Includes tangelos and tangors.

**ESTIMATES OF PRODUCTION
BY MARKETING DISTRICTS**

Production forecasts for Florida oranges and grapefruit have been divided among marketing districts for this report. Comparisons (in the table above) are shown to the 2006-07 production. Marketing District II is the legally defined Indian River District along the East Coast. Marketing District III (Gulf) includes the counties of Charlotte, Collier, Glades, Hendry, and Lee. Marketing District I - the Florida SunRidge - includes all other citrus producing counties.

MATURITY TEST RESULTS

The maturity test results reported on page three are from fruit collected October 29-30 and tested October 31 and November 1-2. Samples were collected from the same trees as in the previous two surveys and reflect maturity levels for unharvested fruit.

Acid levels are lower than last season on all orange varieties, while solids (Brix) are lower on early and late oranges. The result is higher ratios on early and midseason oranges this season, while the ratio on Valencias is running behind last season. Compared to last season, acids and solids (Brix) are lower on both white and colored grapefruit, resulting in higher ratios on both.

Juice levels are higher this season on early and late oranges but slightly lower on midseason oranges. Solids per box is higher this season on early oranges, lower on late oranges, and equal to last year on midseason oranges. White and colored grapefruit juice levels and solids are lower than last season.

UNADJUSTED MATURITY TESTS: Average of regular bloom fruit from sample groves, 2006-07 and 2007-08 seasons

| Fruit type (No. groves) test date | Acid | | Solids (Brix) | | Ratio | | Unfinished juice per box | | Solids per box | |
|--|----------------|---------|------------------|---------|---------|---------|-----------------------------|---------|-------------------|---------|
| | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 | 2006-07 | 2007-08 |
| | <i>Percent</i> | | <i>Percent</i> | | | | <i>Pounds</i> | | <i>Pounds</i> | |
| <i>Juice and solids per box are unadjusted and not comparable to plant test results.</i> | | | | | | | | | | |
| ORANGES: | | | | | | | | | | |
| Early (119-120) | | | | | | | | | | |
| Sep 1 | 1.70 | 1.75 | 9.44 | 9.45 | 5.66 | 5.51 | 42.47 | 40.93 | 4.00 | 3.86 |
| Oct 1 | 1.15 | 1.25 | 9.58 | 10.28 | 8.48 | 8.39 | 48.81 | 45.93 | 4.68 | 4.72 |
| Nov 1 | 0.92 | 0.87 | 10.34 | 10.21 | 11.50 | 11.92 | 49.98 | 50.98 | 5.17 | 5.20 |
| Mid (54-55) | | | | | | | | | | |
| Sep 1 | 1.81 | 1.99 | 9.29 | 9.63 | 5.25 | 4.91 | 43.06 | 41.52 | 4.00 | 4.00 |
| Oct 1 | 1.28 | 1.49 | 9.52 | 9.62 | 7.62 | 6.58 | 50.03 | 46.19 | 4.76 | 4.44 |
| Nov 1 | 1.03 | 1.00 | 10.29 | 10.30 | 10.27 | 10.51 | 50.74 | 50.72 | 5.22 | 5.22 |
| Late (150-149) | | | | | | | | | | |
| Sep 1 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| Oct 1 | 2.50 | 2.62 | 8.91 | 9.47 | 3.59 | 3.66 | 45.75 | 43.86 | 4.08 | 4.15 |
| Nov 1 | 2.02 | 1.95 | 9.82 | 9.27 | 4.94 | 4.82 | 48.78 | 48.85 | 4.79 | 4.53 |
| GRAPEFRUIT: | | | | | | | | | | |
| White Seedless (49-50) | | | | | | | | | | |
| Sep 1 | 1.86 | 1.94 | 10.50 | 10.17 | 5.65 | 5.30 | 32.12 | 30.64 | 3.37 | 3.11 |
| Oct 1 | 1.59 | 1.64 | 10.45 | 10.12 | 6.58 | 6.19 | 37.32 | 35.58 | 3.90 | 3.59 |
| Nov 1 | 1.57 | 1.41 | 10.73 | 9.98 | 6.85 | 7.13 | 41.57 | 41.26 | 4.45 | 4.11 |
| Colored Seedless (48-49) | | | | | | | | | | |
| Sep 1 | 1.86 | 1.96 | 10.46 | 10.53 | 5.65 | 5.40 | 31.89 | 30.54 | 3.33 | 3.21 |
| Oct 1 | 1.55 | 1.67 | 10.49 | 10.56 | 6.77 | 6.35 | 38.64 | 35.41 | 4.05 | 3.74 |
| Nov 1 | 1.54 | 1.40 | 11.29 | 10.43 | 7.37 | 7.49 | 42.65 | 41.73 | 4.82 | 4.35 |

NOTICE: All samples were run through an FMC 091 machine using mechanical pressure only. This machine utilizes a .040 short strainer and standard 5/8-inch orifice tube. The beam settings are also identical to past tests and no restrictors are used.

MATURITY TEST AVERAGES BY AREAS, NOVEMBER 1, 2007

| Fruit type | Groves sampled | Acid | Solids (Brix) | Ratio | Unfinished juice per box | Solids per box |
|--------------------|-------------------|----------------|------------------|-------|-----------------------------|-------------------|
| | <i>Number</i> | <i>Percent</i> | <i>Percent</i> | | <i>Pounds</i> | <i>Pounds</i> |
| ORANGES: | | | | | | |
| EARLY | | | | | | |
| Indian River | 9 | 0.87 | 10.01 | 11.77 | 52.22 | 5.23 |
| Other Areas | 111 | 0.87 | 10.22 | 11.93 | 50.88 | 5.20 |
| MIDSEASON | | | | | | |
| Indian River | 11 | 1.01 | 10.22 | 10.18 | 50.70 | 5.17 |
| Other Areas | 44 | 1.00 | 10.32 | 10.59 | 50.73 | 5.24 |
| LATE | | | | | | |
| Indian River | 25 | 2.06 | 9.20 | 4.51 | 49.30 | 4.53 |
| Other Areas | 124 | 1.93 | 9.29 | 4.88 | 48.75 | 4.53 |
| GRAPEFRUIT: | | | | | | |
| WHITE SEEDLESS | | | | | | |
| Indian River | 38 | 1.44 | 10.02 | 6.98 | 40.86 | 4.09 |
| Other Areas | 12 | 1.30 | 9.86 | 7.62 | 42.53 | 4.18 |
| COLORED SEEDLESS | | | | | | |
| Indian River | 39 | 1.43 | 10.40 | 7.31 | 41.36 | 4.30 |
| Other Areas | 10 | 1.29 | 10.54 | 8.21 | 43.20 | 4.54 |

FRUIT SIZE COMPARISONS BY TYPES TO PREVIOUS SEASONS

Size frequency distributions developed from the October size survey are shown in the following table. The distributions are by percent of fruit falling within the size range of each 4/5-bushel container. These frequency distributions relate to fruit from regular bloom and exclude summer bloom in all years.

FLORIDA CITRUS: Size frequency distributions from October measurements

| Type of fruit and size in 4/5-bushel containers | 2005 | 2006 | 2007 |
|--|------|------|------|
| --- Percent --- | | | |
| EARLY AND MIDSEASON ORANGES: (excluding Navels) | | | |
| 64 and larger | 0.2 | 2.1 | 0.4 |
| 80 | 1.6 | 9.0 | 3.3 |
| 100 | 9.6 | 27.2 | 16.1 |
| 125 | 28.0 | 33.9 | 32.4 |
| 163 and smaller | 60.6 | 27.8 | 47.8 |
| NAVEL ORANGES: | | | |
| 64 and larger | 31.8 | 60.4 | 43.1 |
| 80 | 38.2 | 28.4 | 35.9 |
| 100 | 24.4 | 9.0 | 15.0 |
| 125 | 4.3 | 1.7 | 5.0 |
| 163 and smaller | 1.3 | 0.5 | 1.0 |
| VALENCIA ORANGES: | | | |
| 64 and larger | 0.2 | 0.6 | 0.3 |
| 80 | 1.7 | 6.9 | 3.2 |
| 100 | 12.3 | 27.9 | 16.9 |
| 125 | 33.7 | 35.1 | 33.0 |
| 163 and smaller | 52.1 | 29.5 | 46.6 |
| WHITE SEEDLESS GRAPEFRUIT: | | | |
| 32 and larger | 9.6 | 3.6 | 3.2 |
| 36 | 12.3 | 11.1 | 8.2 |
| 40 | 20.3 | 21.5 | 13.4 |
| 48 | 17.0 | 21.1 | 19.6 |
| 56 | 14.2 | 16.3 | 15.8 |
| 63 and smaller | 26.6 | 26.4 | 39.8 |
| COLORED SEEDLESS GRAPEFRUIT: | | | |
| 32 and larger | 9.0 | 2.6 | 1.9 |
| 36 | 7.4 | 8.3 | 5.1 |
| 40 | 18.2 | 16.6 | 9.4 |
| 48 | 18.7 | 20.1 | 17.1 |
| 56 | 15.3 | 17.1 | 12.8 |
| 63 and smaller | 31.4 | 35.3 | 53.7 |
| FALLGLO TANGERINES: | | | |
| 80 and larger | 51.7 | 46.6 | 37.5 |
| 100 | 20.0 | 18.3 | 32.5 |
| 120 | 23.3 | 26.7 | 25.0 |
| 176 | 3.3 | 1.7 | 5.0 |
| 210 and smaller | 1.7 | 6.7 | 0.0 |
| SUNBURST TANGERINES: | | | |
| 80 and larger | 2.5 | 2.6 | 1.4 |
| 100 and larger | 3.6 | 17.6 | 7.7 |
| 120 | 15.5 | 21.1 | 20.9 |
| 176 | 16.1 | 18.9 | 19.8 |
| 210 and smaller | 62.3 | 39.8 | 50.2 |
| TANGELOS: | | | |
| 80 and larger | 2.7 | 14.8 | 10.2 |
| 100 | 16.1 | 27.9 | 17.7 |
| 120 | 27.3 | 29.4 | 24.2 |
| 156 and smaller | 53.9 | 27.9 | 47.9 |

The charts below describe the relationships of the fruit size measurements with those taken in the previous year. The diameter measurements shown are the minimum values of each eight inch range, except for the smallest values.

CHART 1: Early and midseason oranges (excluding Navels) size frequency by diameter from October measurements

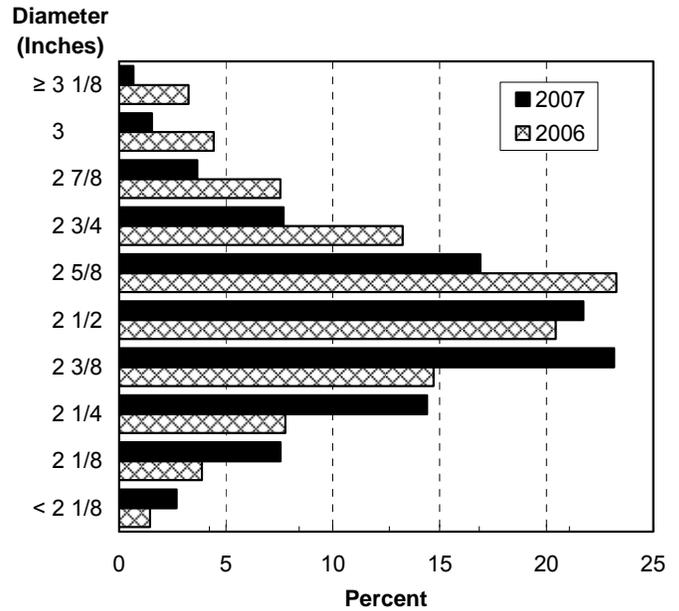


CHART 2: White seedless grapefruit size frequency by diameter from October measurements

